






**ABSORBENT PADS WITH FIXED POLYMER PARTICLES**

**Patent number:** AU6650181  
**Publication date:** 1981-07-30  
**Inventor:** DEHNEL R B  
**Applicant:** UNILEVER LTD  
**Classification:**  
- **International:** A61F13/18; A41B13/02  
- **European:** A61F13/00M2; A61L15/60  
**Application number:** AU19810066501D 19810121  
**Priority number(s):** GB19800002624 19800125

**Also published as:**

 EP0033235 (A2)  
 US4392908 (A1)  
 JP56118736 (A)  
 ES8203234 (A)  
 EP0033235 (A3)

more &gt;&gt;

**Report a data error here**

Abstract not available for AU6650181

Abstract of corresponding document: **US4392908**

The invention concerns a process for manufacturing a water-absorbent article in which particles of a water-swellaable polymer are fixed to a water-absorbent substrate. The process includes the steps of forming on the surface of the water-swellaable particles a coating of a thermoplastic adhesive resin; locating the coated particles in their unswollen and dry state on or within the water-absorbent substrate also in the dry state; and applying heat to soften the thermoplastic coating of the particles and pressing the particles and substrate to cause the particles to be bound to the substrate.

---

Data supplied from the **esp@cenet** database - Worldwide